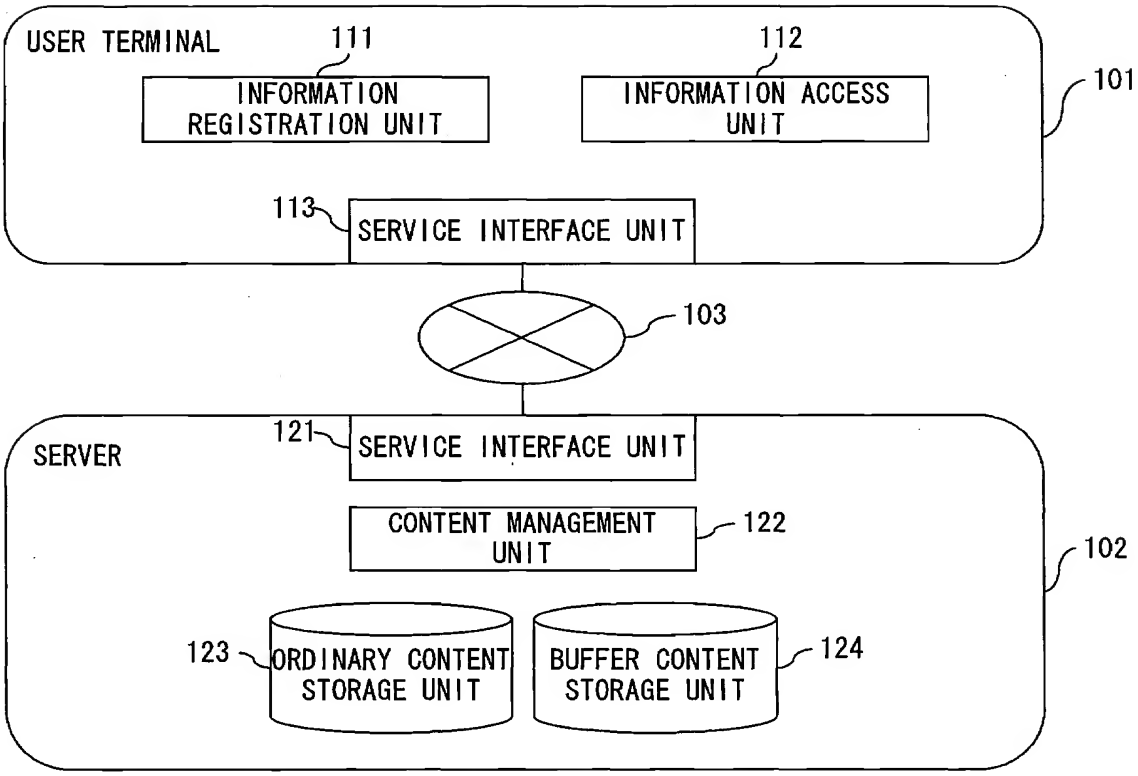
USER TERMINAL
111
INFORMATION REGISTRATION UNIT
112
INFORMATION ACCESS UNIT
101
113
SERVICE INTERFACE UNIT
103
SERVER
121
SERVICE INTERFACE UNIT
CONTENT MANAGEMENT UNIT
122
102
123
ORDINARY CONTENT STORAGE UNIT
BUFFER CONTENT STORAGE UNIT
124

FIG. 1

| ID | USER | TIME | MACHINE NAME | TYPE | CONTENTS | LINK TO ENTITY |
|---|---|---|---|---|---|---|
| X001 | U080234 | 2003/03/04 11:25:22 | machine01 | URL | http:biztech.nikkeibp.co.jp/wcs/leaf/CID/onair/biztech/pc/242402 | |
| X002 | U080234 | 2003/03/04 11:26:22 | machine01 | TXT | LECTURE ON VIDEO GAME RESEARCH IN TOKYO UNIVERSITY OPENED, A BIG RESEARCHER INVITED. | |
| X003 | U080234 | 2003/03/04 11:28:07 | machine01 | JPG | | /temp/JPG/abc01.jpg |
| ... | ... | ... | ... | ... | ... | ... |

FIG. 2

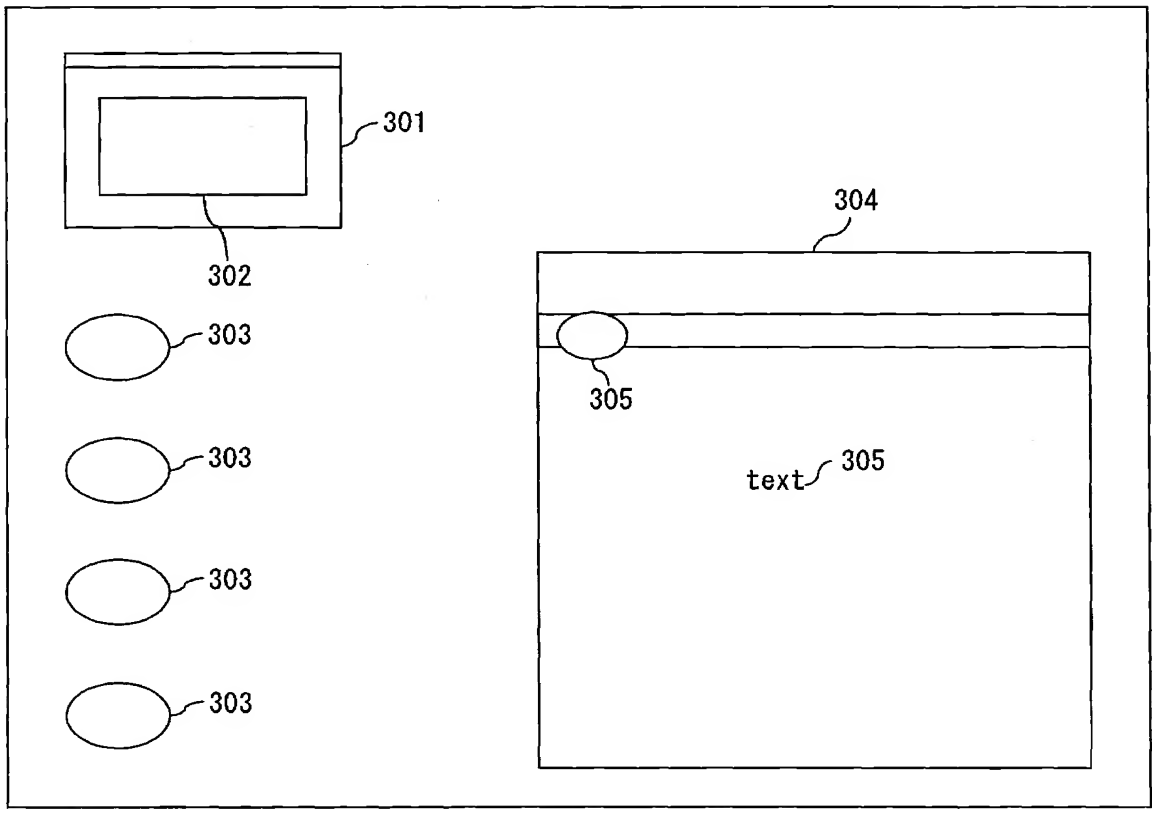


FIG. 3

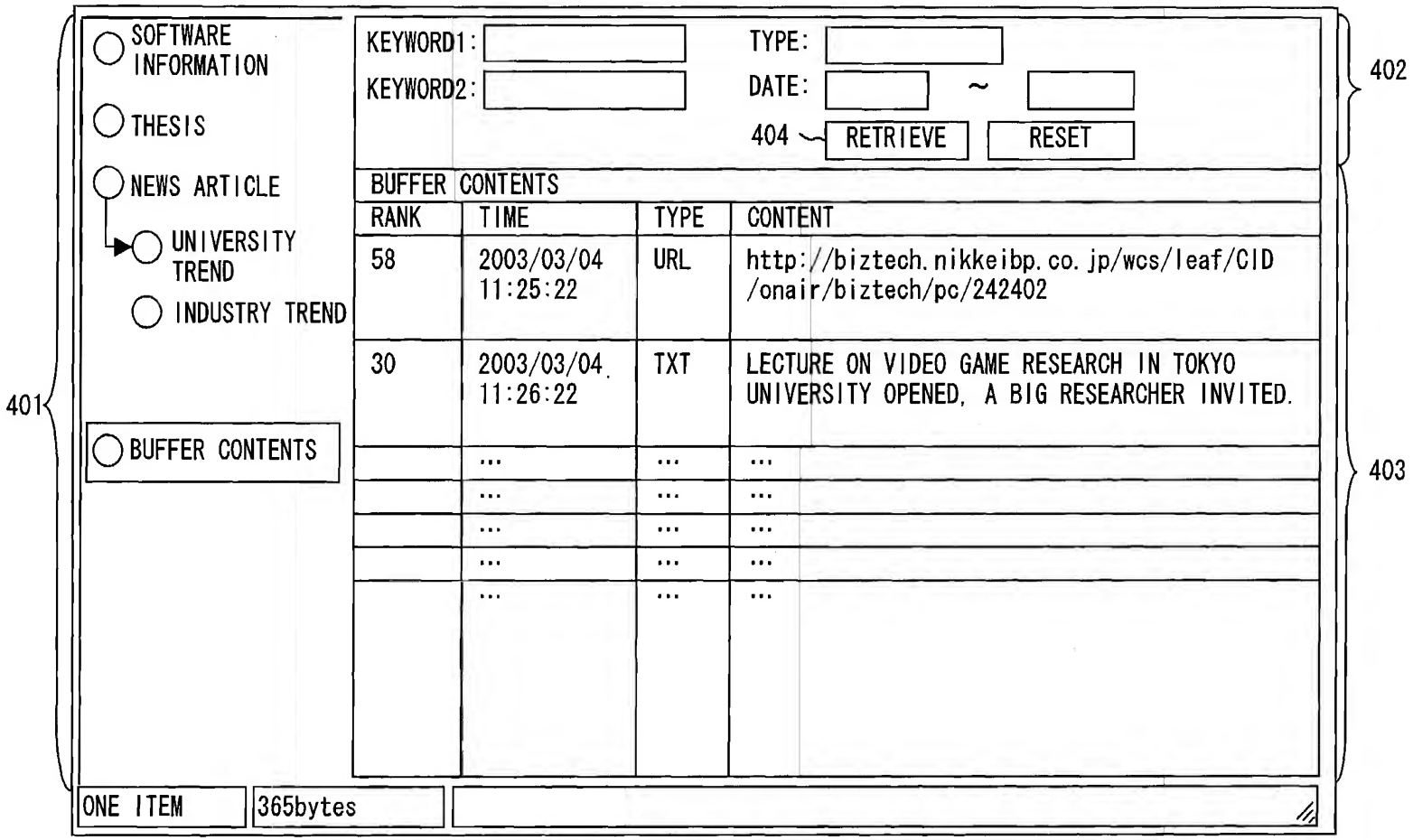
SOFTWARE INFORMATION
THESIS
NEWS ARTICLE
UNIVERSITY TREND
INDUSTRY TREND
BUFFER CONTENTS
401
KEYWORD1:
KEYWORD2:
TYPE:
DATE:
~
404
RETRIEVE
RESET
402
BUFFER CONTENTS
RANK
TIME
TYPE
CONTENT
58
2003/03/04 11:25:22
URL
http://biztech.nikkeibp.co.jp/wcs/leaf/CID /onair/biztech/pc/242402
30
2003/03/04 11:26:22
TXT
LECTURE ON VIDEO GAME RESEARCH IN TOKYO UNIVERSITY OPENED, A BIG RESEARCHER INVITED.
403
ONE ITEM
365bytes

FIG. 4

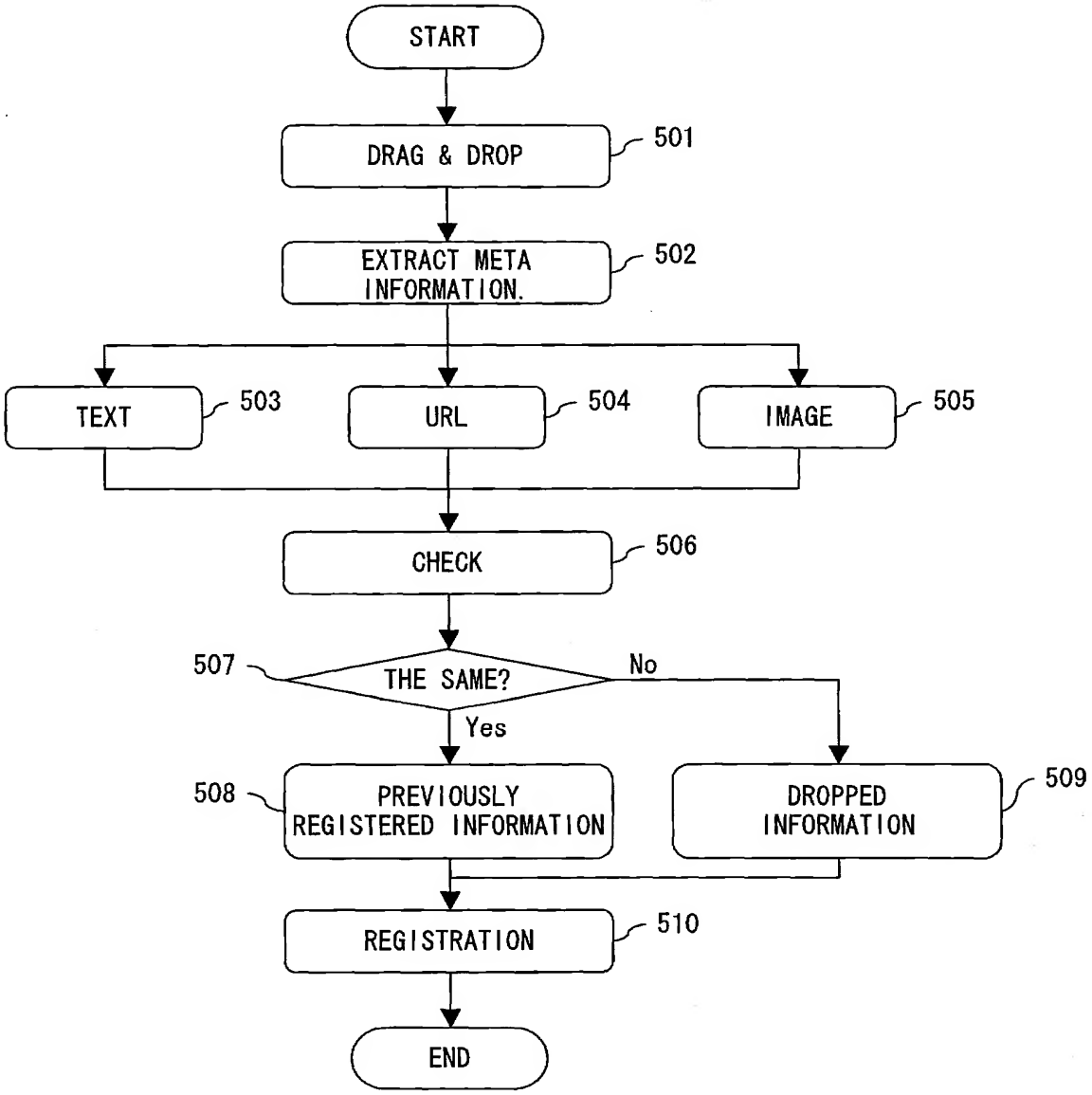
START
DRAG & DROP
501
EXTRACT META INFORMATION.
502
TEXT
503
URL
504
IMAGE
505
CHECK
506
507
THE SAME?
No
Yes
508
PREVIOUSLY REGISTERED INFORMATION
DROPPED INFORMATION
509
REGISTRATION
510
END

FIG. 5

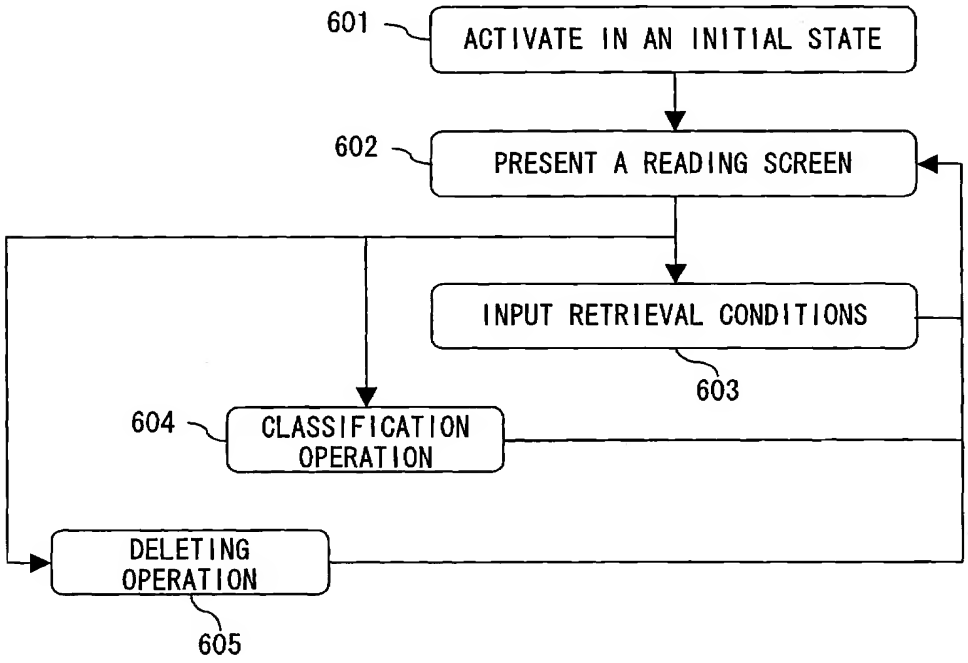
601
ACTIVATE IN AN INITIAL STATE
602
PRESENT A READING SCREEN
INPUT RETRIEVAL CONDITIONS
603
604
CLASSIFICATION OPERATION
DELETING OPERATION
605

FIG. 6

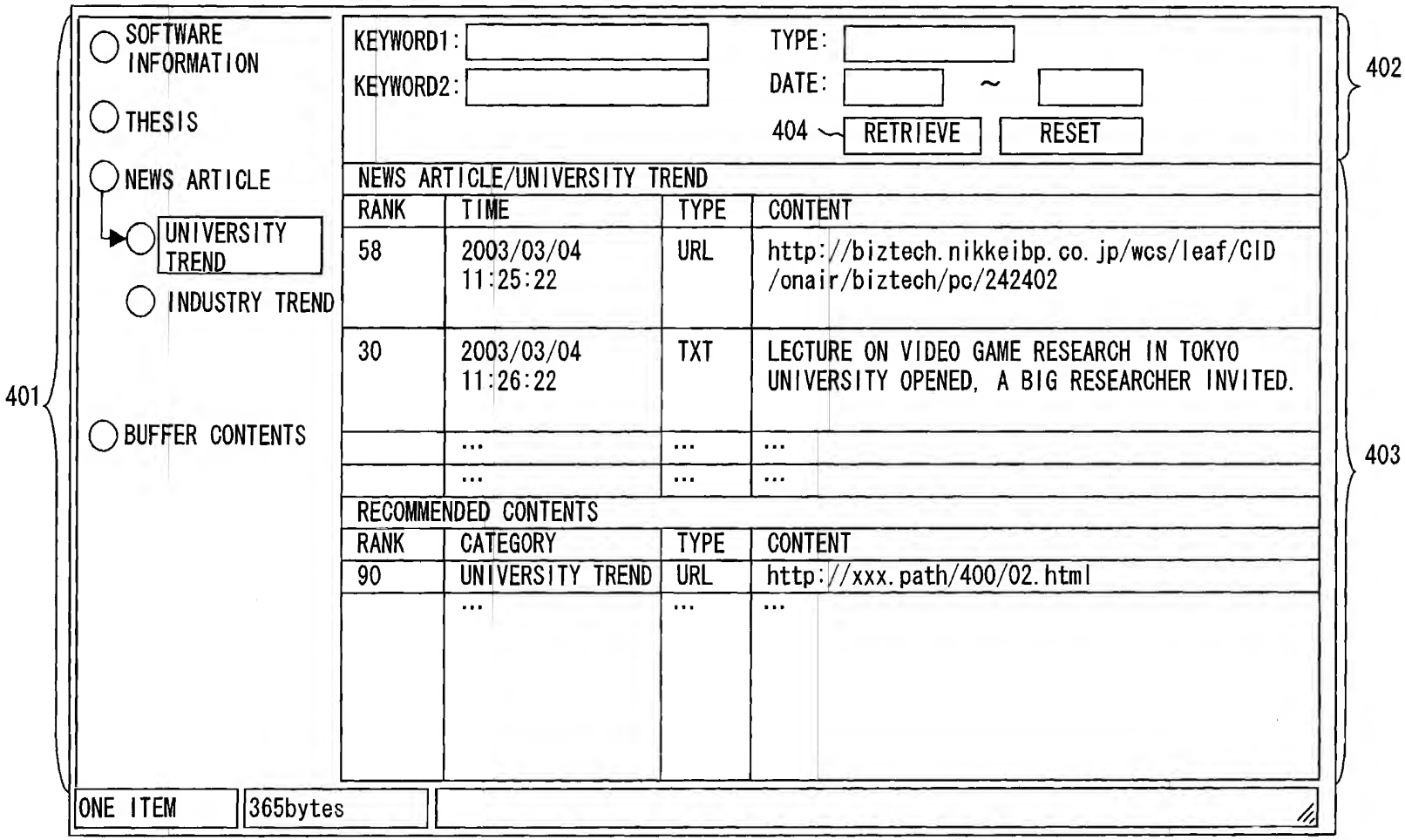
SOFTWARE INFORMATION
THESIS
NEWS ARTICLE
UNIVERSITY TREND
INDUSTRY TREND
BUFFER CONTENTS
401
KEYWORD1:
KEYWORD2:
TYPE:
DATE:
~
404
RETRIEVE
RESET
402
NEWS ARTICLE/UNIVERSITY TREND
RANK
TIME
TYPE
CONTENT
58
2003/03/04 11:25:22
URL
http://biztech.nikkeibp.co.jp/wcs/leaf/CID/onair/biztech/pc/242402
30
2003/03/04 11:26:22
TXT
LECTURE ON VIDEO GAME RESEARCH IN TOKYO UNIVERSITY OPENED, A BIG RESEARCHER INVITED.
403
RECOMMENDED CONTENTS
RANK
CATEGORY
TYPE
CONTENT
90
UNIVERSITY TREND
URL
http://xxx.path/400/02.html
ONE ITEM
365bytes

FIG. 7

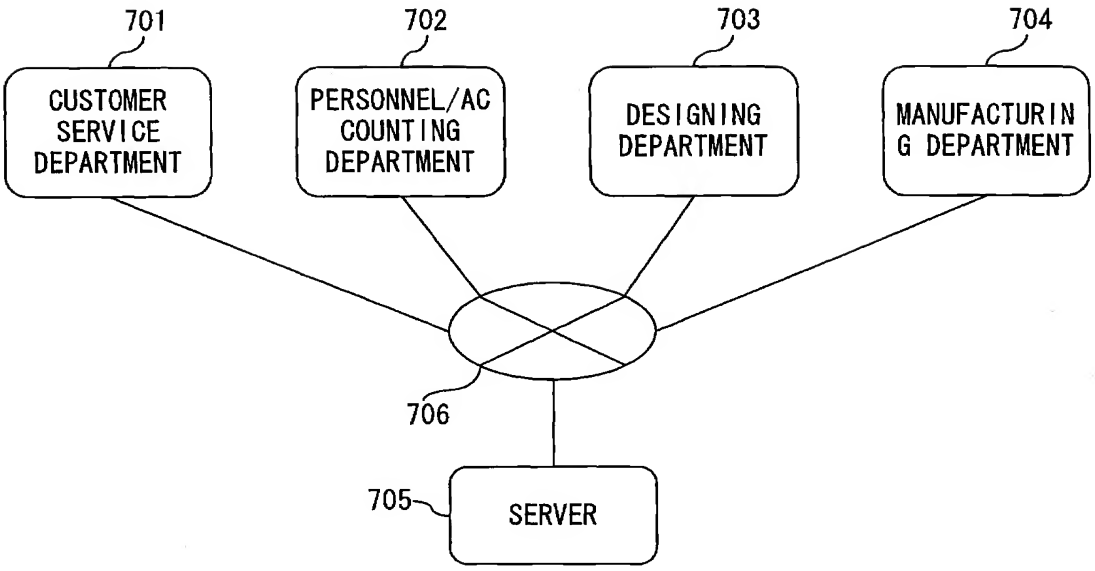
701
CUSTOMER SERVICE DEPARTMENT
702
PERSONNEL/ACCOUNTING DEPARTMENT
703
DESIGNING DEPARTMENT
704
MANUFACTURING DEPARTMENT
706
705
SERVER

FIG. 8

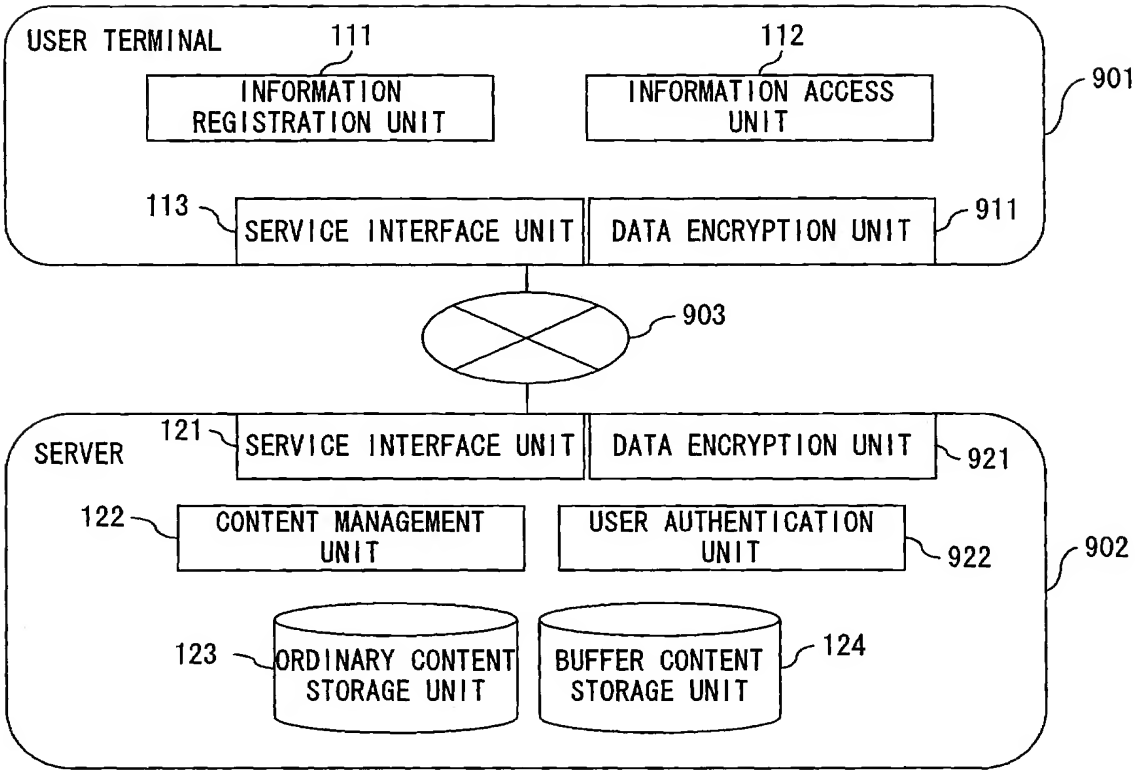
USER TERMINAL
111
INFORMATION REGISTRATION UNIT
112
INFORMATION ACCESS UNIT
901
113
SERVICE INTERFACE UNIT
DATA ENCRYPTION UNIT
911
903
SERVER
121
SERVICE INTERFACE UNIT
DATA ENCRYPTION UNIT
921
122
CONTENT MANAGEMENT UNIT
USER AUTHENTICATION UNIT
922
902
123
ORDINARY CONTENT STORAGE UNIT
BUFFER CONTENT STORAGE UNIT
124

FIG. 9

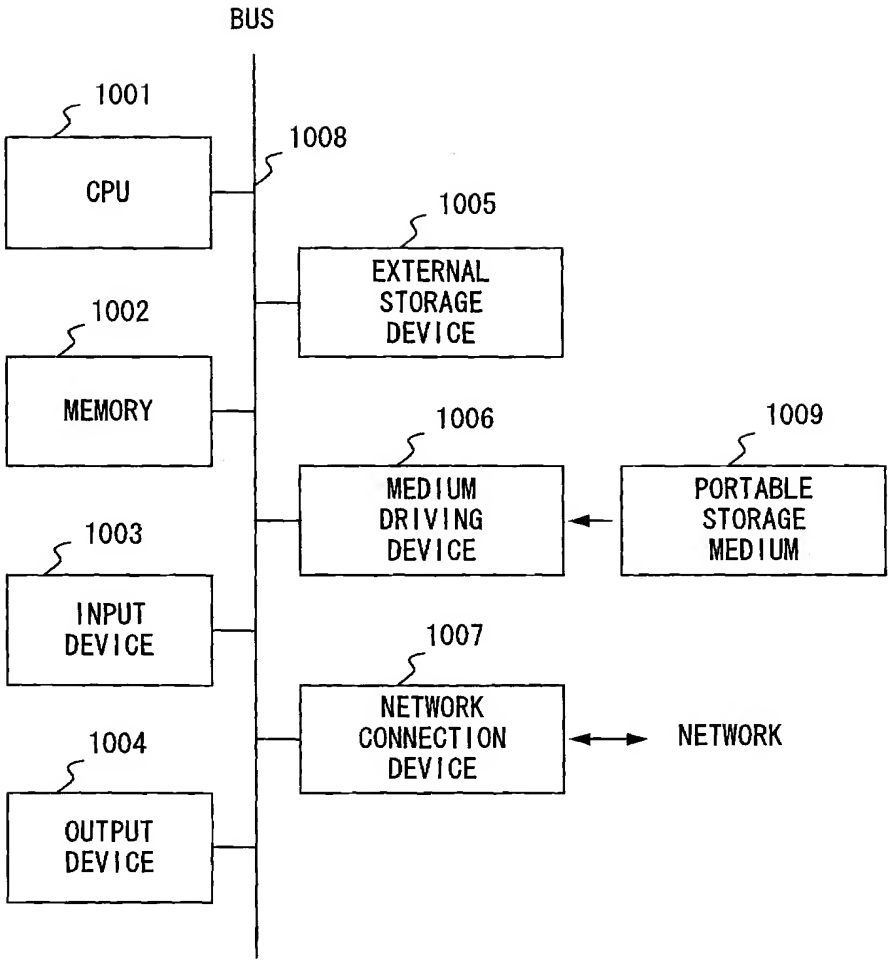
BUS
1001
CPU
1008
1005
EXTERNAL STORAGE DEVICE
1002
MEMORY
1006
1009
MEDIUM DRIVING DEVICE
PORTABLE STORAGE MEDIUM
1003
INPUT DEVICE
1007
NETWORK CONNECTION DEVICE
NETWORK
1004
OUTPUT DEVICE

FIG. 10

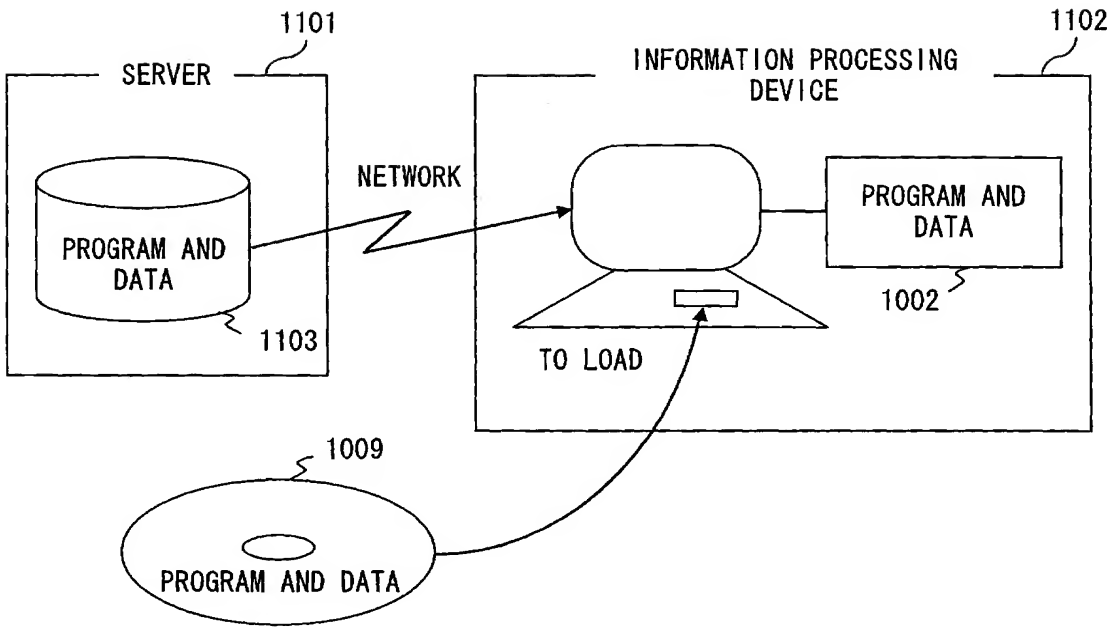
1101
SERVER
PROGRAM AND DATA
1103
NETWORK
1102
INFORMATION PROCESSING DEVICE
PROGRAM AND DATA
1002
TO LOAD
1009
PROGRAM AND DATA

FIG. 11